

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Currently amended) ~~Method~~ A method of executing a measurement or control action, ~~wherein comprising the steps of:~~
 generating a temporally periodic synchronization signal $[(S, S')]$
 ~~generated by a receiver $[(9)]$ based on a timing reference signal $[(Z)]$;~~
 ~~is divided~~ dividing the temporally periodic synchronization signal by a
 switching frequency $[(F)]$ generated by a timing generator (14) into a
 plurality of switching intervals $[(I_n)$, wherein]; and
 associating a switching command (C_n) ~~is associated~~ to each switching
 interval (I_n) of the switching intervals $[(I_n)]$ with switching command (C_n)
 triggering to trigger an associated switching process of the measurement or
 control action.
2. (Currently amended) ~~Method according to~~ The method of claim 1,
 ~~characterized in that wherein~~ the receiver $[(9)]$ comprises a GPS receiver
 for outputting a pulse-per-second (PPS) signal $[(P)]$, and that the PPS signal
 outputted by the receiver (9) is used] for use as the synchronization signal
 $[(S, S')]$.
3. (Currently amended) ~~Method according to~~ The method of claim 1 ~~or 2~~,
 ~~characterized in that wherein~~ the timing generator $[(14)]$ comprises a
 quartz oscillator.
4. (Currently amended) ~~Method according to one of the claims 1 to 3~~ The
 method of claim 1, characterized in that further comprising the step of
 continuously correcting the synchronization signal (S) ~~is continuously~~
 ~~corrected~~ by a correction value $[(K)]$.

5. (Currently amended) ~~Method~~ A method for synchronizing several measurement and/or control actions, with each of the measurement or control actions being executed by a method ~~according to one of the claims of claim 1~~ [[to 4]], wherein the timing reference signal is ~~based on~~ a common timing reference signal [[Z]].
6. (Currently amended) ~~Method according to~~ The method of claim 5, ~~characterized in that the GPS signal is used as the timing reference signal~~ [[Z]] is a GPS signal.
7. (Currently amended) ~~Controller (7)~~ A controller for ~~carrying out the method according to one of the claims 1 to 4~~ executing a measurement or control action, comprising:
 - a receiver [[9]] configured to generate a temporally periodic synchronization signal [[S, S']] based on a timing reference signal [[Z)]];
 - a timing generator [[14]] configured to generate a switching frequency [[F)]]; and
 - a pulse divider [[13]] configured to divide the synchronization signal [[S, S']] into a plurality of switching intervals [[I_n]] based on the switching frequency [[F)]] and to associate associating a switching command [[C_n]] to each of the switching [[interval (I_n)]] intervals[[I)]]; and ~~to output the switching command (C_n) to~~
 - a device [[8)]] receiving the switching command from the pulse divider for triggering a corresponding switching process and executing the measurement or control action.
8. (Currently amended) ~~Controller (7)~~ according to The controller of claim 7, ~~characterized in that~~ further comprising a stored program control for supplying a sequence of switching commands [[C_n is supplied]] to the pulse divider ~~(13)~~ by stored program control.